



## **FY2019 CAPITAL DEVELOPMENT REQUEST**

### **Allied Health Building**

February 5, 2018



NO MORE ROOM



# Overview



*Intermountain Layton Hospital*

- Jobs are waiting to be filled
- Unprecedented growth in programs and employer demand
- Lack of space to grow programs to meet demand
- Challenged to overcome building deficiencies
- Building readiness
- Community support through donations



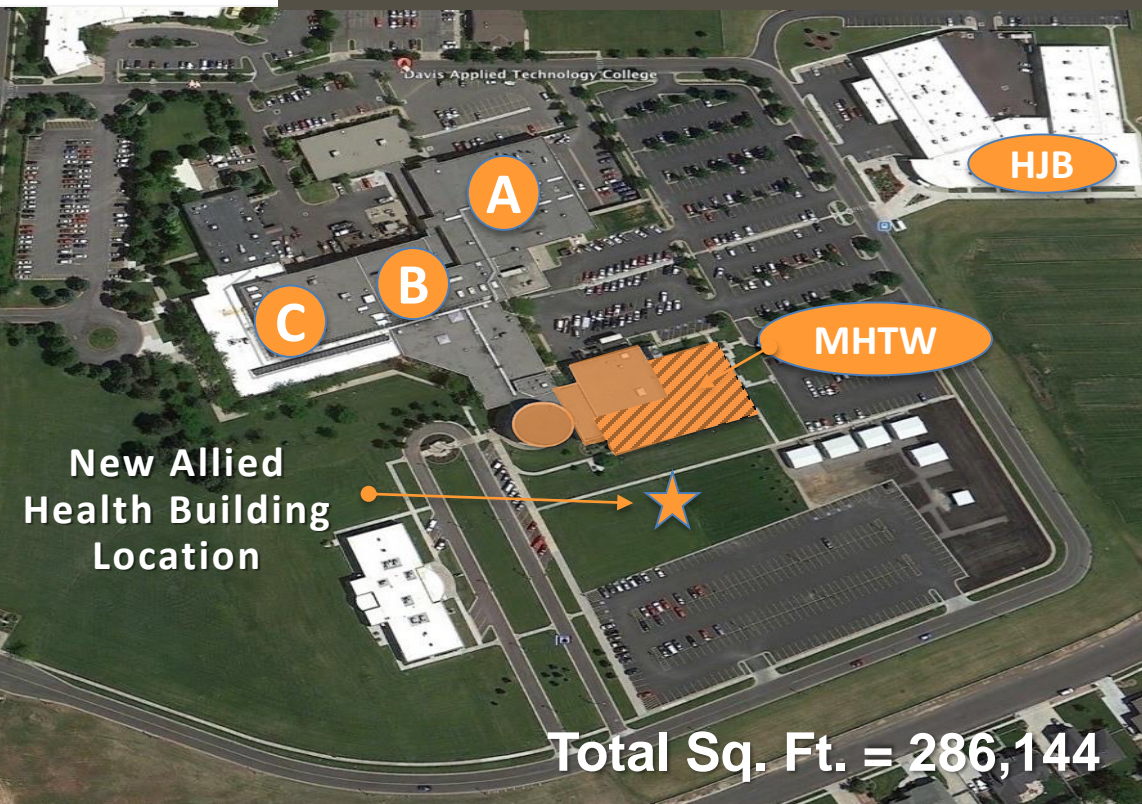


# Campus Development History



GROWTH AND CAPACITY

TOTAL: \$30,883,422



**Phase A**  
Nov 23, 1983 | 58,342 sq. ft.  
\$2,485,950

**Phase B**  
Aug 2, 1985 | 43,906 sq. ft.  
\$2,964,379

**Phase C**  
Jul 2, 1987 | 83,464 sq. ft.  
\$4,367,440

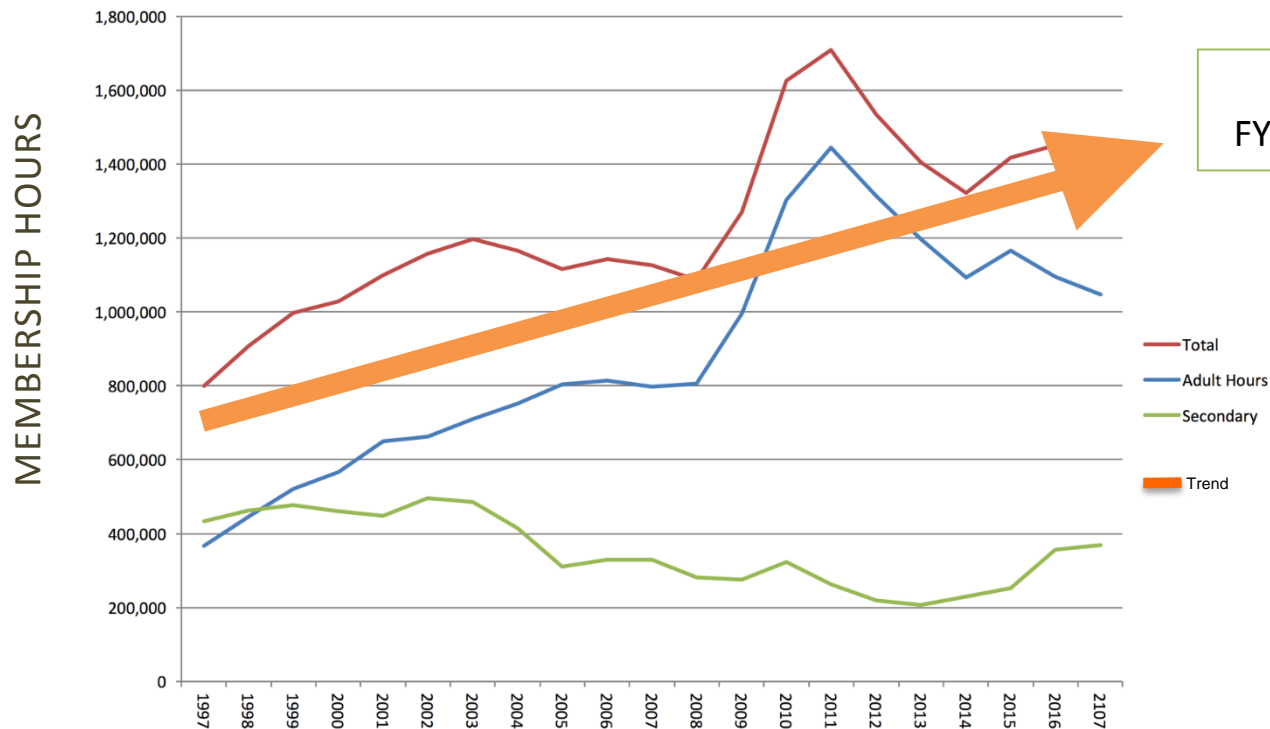
**Medical Health  
Technology Wing**  
Dec 31, 1998 | 36,432 sq. ft.  
\$6,212,938

**Haven J. Barlow  
Building**  
Mar 1, 2009 | 64,000 sq. ft.  
\$14,852,715



# HISTORICAL GROWTH

Davis Tech  
Growth in Membership Hours



**#1** Priority of



Top Priority of the  
**Davis Chamber  
of Commerce**

Recommended  
for funding in the  
**Governor's  
Budget**  
and Policy  
Investments

Ranked **#3**  
by the  
**Utah State  
Building Board**

This is the highest ranked  
educational building in the state.

**#1** New  
Capital Facilities  
Project of the  
**Northern Utah  
Chamber Coalition**

Includes 5 Chambers from  
Davis County to Cache County.

# FY 2019 Capital Development

## Building Board Rankings

Agency	Project	Score	BB Rank	w/BoR	Weighted Rank
Utah Army National Guard	Nephi Readiness Center	25.9	1		1
Department of Agriculture and Food	William Spry Agriculture Building Replacement	25.3	2		2
<b>Davis Technical College</b>	<b>Allied Health Building</b>	<b>23.3</b>	<b>3</b>		<b>3</b>
Mountainland Technical College	Thanksgiving Point Campus Technology Trades Building	23.1	4		4
Dixie State University	DSU Science Building	22.8	5	49.8	6
Weber State University	Norda Engineering and Applied Science Building	22.0	6	52.9	5
Utah State University	Biological and Natural Resources Renovation	22.0	6	39.6	7
Department Of Human Services / Division of Juvenile Justice Services	Salt Lake Multi-Use Youth Center	18.0	8		8
Utah Valley University	New Business Building	17.8	9	35.7	9
Public Safety	Brigham City DPS Consolidated Building	17.4	10		10
State Courts	Sixth District Courthouse Sanpete County Manti	15.1	11		11
Department of Technology Services DTS	State Cyber Center	14.3	12		12
Heritage and Arts	Artifacts & Arts Collections Management Facility	14.0	13		13
Snow College	Social Science and General Education Building	13.8	14	16.6	15
Salt Lake Community College	Herriman Campus General Education Building	13.4	15	18.8	14
Southern Utah University	Sorenson Legacy Foundation Child and Family Development Center	10.2	16	16.2	16
Department of Natural Resources-Parks	Willard Bay State Park North Lake Day Use Development	9.6	17		17
Utah State University	Center for Language and Cultures	5.7	18	5.7	18
<del>Bridgerland Technical College</del> <b>Withdrawn</b>	<del>Health Science And Technology Building</del>	<del>0.0</del>	<del>19</del>		19



# ALLIED HEALTH BUILDING

Building the Future of Davis County Health Care

85,000  
Sq. Ft.



Preliminary cost estimate:	<b>\$35,696,525</b>
Other sources of funding:	<b>(\$1,332,000)</b>
<hr/>	
FY19 requested funding:	<b>\$34,364,525</b>





# COMMUNITY SUPPORT

Current Cash and  
Donations/Commitments

**\$1,332,000**

## DONORS

- America First Credit Union
- Bountiful City
- Haven J. and Bonnie Rae Barlow Family Foundation
- Dr. and Mrs. Nadim Bakhazi
- Mr. and Mrs. Shawn Beus
- Dr. and Mrs. Bruce Burtenshaw
- Dr. and Mrs. Grant Christian
- Davis Technical College Foundation
- Employees of Davis Technical College
- Farmington City
- George S. and Dolores Doré Eccles Foundation
- Val A. and Edith Green Foundation
- Gramoll Construction
- Dr. Jason Hoagland
- Intermountain Healthcare
- Janicki Industries
- Kaysville City
- Ed Kenley Ford
- KIHOMAC
- Lakeview Hospital Executive Committee
- Layton City
- MountainStar Healthcare
- Larry H. and Gail Miller Family Foundation
- Merit Medical
- Monnit Corporation
- Sorenson Legacy Foundation
- Stewart Education Foundation
- Tanner Clinic
- Ogden Clinic
- Brad Walters Family Foundation
- Dr. and Mrs. Raymond Ward
- Zions Bank

# Displaced Programs

## Original Building with 4 Healthcare Programs



GROWTH AND CAPACITY



BUILDING DEFICIENCIES



### HEALTHCARE PROGRAM HEADCOUNT

1999  
1,092

2017  
1,783

12,274 sq. ft. used  
by medical programs

A

#### Dedicated Wing

- Practical Nurse
- Medical Assistant
- Dental Assisting
- Nurse Assistant

# Displaced Programs

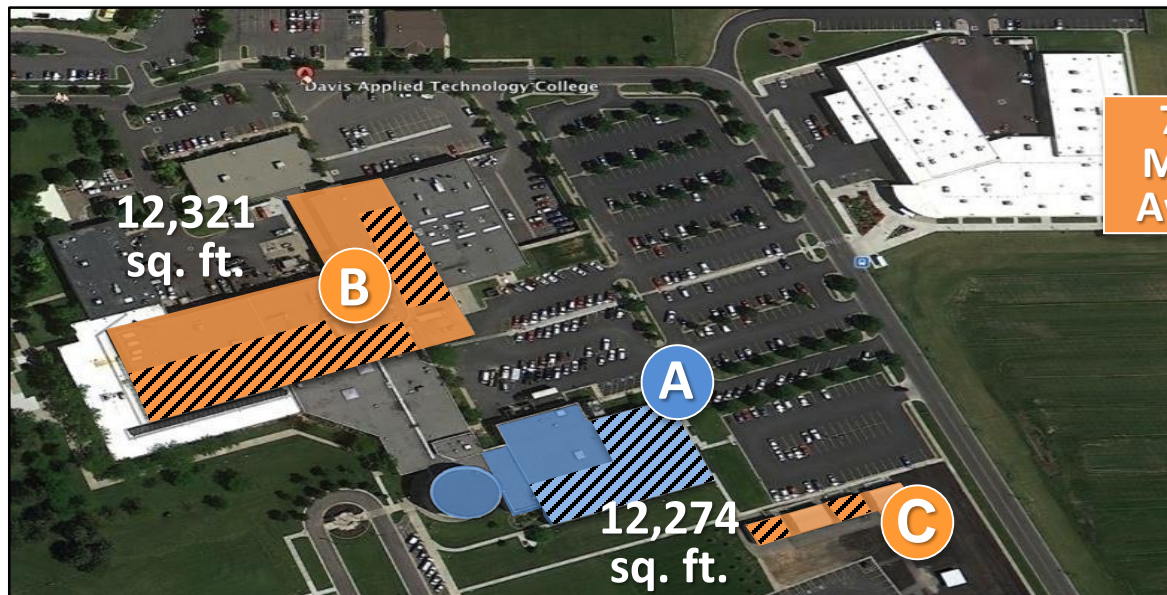
Now there are **11**  
Healthcare programs



GROWTH AND CAPACITY



BUILDING DEFICIENCIES



7.5  
Miles  
Away



Freeport  
Center  
Y16 in  
Clearfield

8  
Miles  
Away



Nurse Assistant program  
at Clearfield Job Corps

**A**

## Dedicated Wing

- **Practical Nurse\***
- **Medical Assistant\***
- **Dental Assisting\***
- **Nurse Assistant\***

**B**

## Displaced Upstairs

- Health Information Technology
- **Nurse Assistant\***
- Pharmacy Technician
- Surgical Technology
- Radiology Practical Technician

**C**

## Displaced in Portables

- American Heart Association (CPR) Training Center
- Phlebotomy

**D**

## Displaced Off Campus

- Emergency Medical Technician
- Firefighter
- **Nurse Assistant\***

**\*Indicates Original Programs in the Medical Wing Built in 1999**  
– All other programs have been added after this date



## PROGRAM RECONSTRUCTION COSTS SINCE 2007

Davis Tech has spent  
approximately  
**\$798,000**  
on current facilities for  
expanding programs



To maximize classroom size, closets and hallways have been converted into classroom space.





# BUILDING DEFICIENCIES AND LIFE SAFETY CONCERNS



GROWTH AND CAPACITY  
BUILDING DEFICIENCIES  
COST EFFECTIVENESS



▲ **Crowded offices** with privacy concerns



◀ **Offices** have been built in hallways

**Overcrowded classrooms and labs**



▲ **Portables** cost **4x** more to maintain than regular classrooms







# Lack of Capacity



## NEED TO DOUBLE ENROLLMENT IN

**MEDICAL ASSISTANT**

**PHARMACY TECHNICIAN**

**SURGICAL TECHNOLOGY**

**NURSE ASSISTANT**

## **PRACTICAL/REGISTERED NURSE**

- In FY17, nearly **360** applications but only **90** accepted
- Must add **2 additional cohorts** to meet demand

Currently expanding

**PHLEBOTOMY** and **RADIOLOGY**  
**PRACTICAL TECHNICIAN**

**Classroom space prohibits more enrollment**



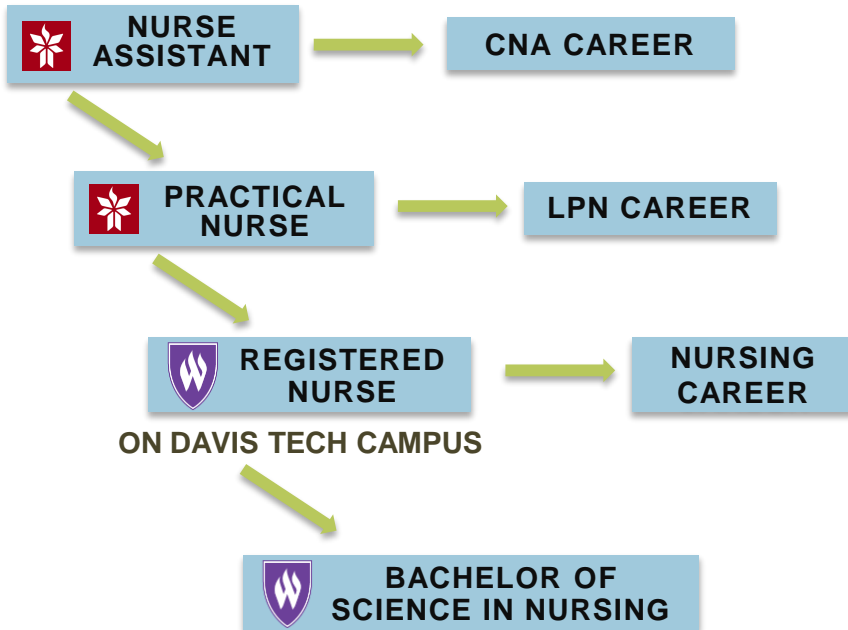
WEBER STATE  
UNIVERSITY

# PARTNERSHIP



SUPPORT CRITICAL PROGRAMS  
GROWTH AND CAPACITY

## STACKABLE CREDENTIALS



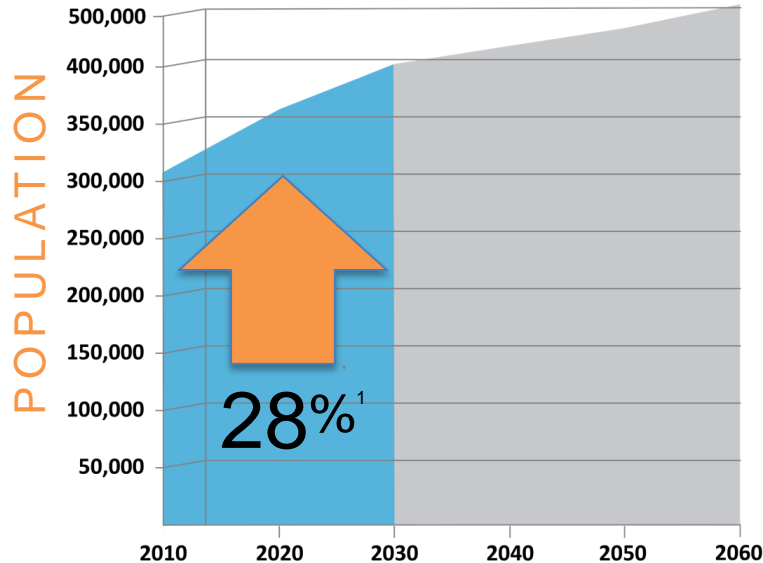
- Registered Nurse training provided **on the Davis Tech campus**
- **210** PN and RN students at Davis Tech in FY17
- **4 WSU faculty** on campus
- Weber State University uses **3 classrooms, 2 labs, 2 offices** and testing facilities



SUPPORT CRITICAL PROGRAMS  
GROWTH AND CAPACITY

# Davis County is Growing

**3<sup>rd</sup>** Largest  
Populated County in Utah



<sup>1</sup> Utah Population Estimates Committee; Utah Governor's Office of Management and Budget

## 1 in 4

Davis Tech students are  
in an Allied Health program



Healthcare Jobs  
Projected Increase by 2024<sup>2</sup>

## 31%

**2,413** ▶ Total Facilities in  
the Wasatch Front<sup>3</sup>

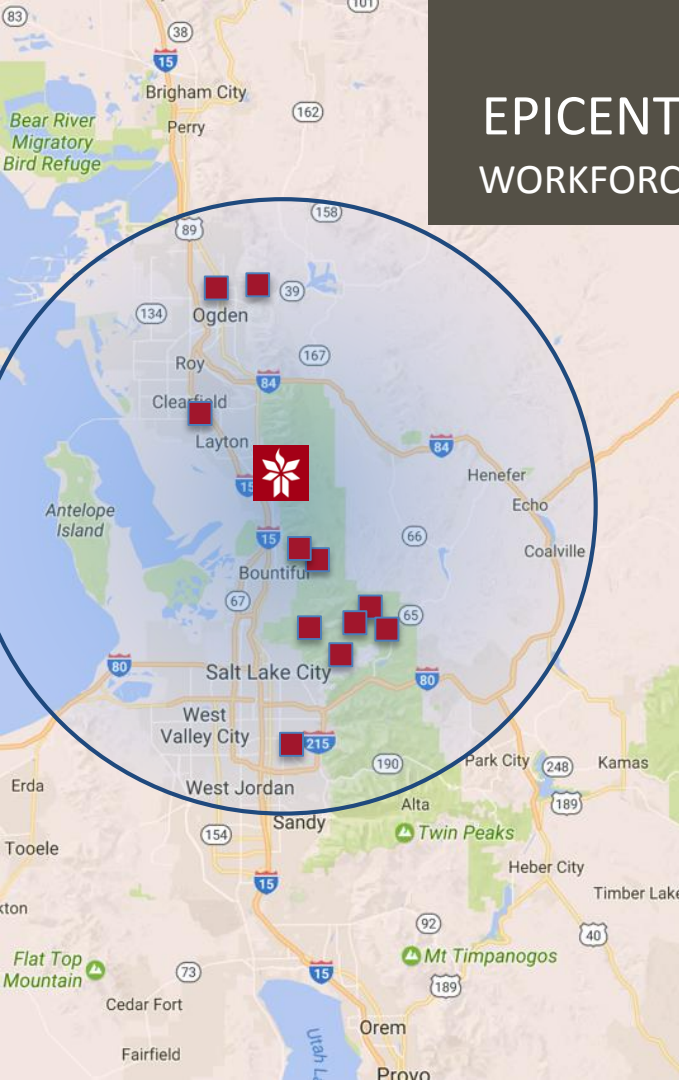
Facilities include: Hospitals, Physicians/Clinics, Ambulatory Surgical and  
Emergency Centers, Dental Offices, Pharmacies and Nursing Care Facilities

<sup>2</sup> Utah Department of Workforce Services. 10 year projection from 2014

<sup>3</sup> Utah Department of Workforce Services



# EPICENTER OF HEALTHCARE TRAINING WORKFORCE PIPELINE – Wasatch Front



In FY17, **1,076** Davis Tech students participated in **externships and/or clinicals**, most resulting in employment. Some of these facilities are:

- Intermountain Healthcare – McKay-Dee Hospital
- South Davis Community Hospital
- Primary Children's Medical Center
- University of Utah Medical Center
- Davis Hospital and Medical Center
- Ogden Regional Medical Center
- Lakeview Hospital
- Intermountain Medical Center
- LDS Hospital
- Salt Lake Regional Medical Center
- Huntsman Cancer Institute

**ONLY Practical Nurse**  
program accepted for clinical  
training at **Primary  
Children's Hospital**

**ONLY Dental Assisting**  
program accepted for clinical  
training at the **University of  
Utah**



# One Year – Economic Impact

	MEDIAN WAGE*	EXPECTED STUDENT PLACEMENT	TOTAL WAGES
DENTAL ASSISTING	\$29,800	95	\$2,816,100
EMERGENCY MEDICAL TECHNICIAN	35,770	30	1,073,100
FIREFIGHTER	30,990	38	1,162,125
HEALTH INFORMATION TECHNOLOGY	32,780	90	2,950,200
MEDICAL ASSISTING	30,780	76	2,339,280
NURSE ASSISTANT	22,880	730	16,702,400
PHARMACY TECHNICIAN	36,640	146	5,349,440
PHLEBOTOMIST	25,650	40	1,026,000
PRACTICAL NURSE	45,560	120	5,453,532
RADIOLOGY PRACTICAL TECHNICIAN	40,830	40	1,633,200
SURGICAL TECHNOLOGY	36,810	34	1,251,540
WSU REGISTERED NURSE	59,210	120	7,087,437
Projected Total Economic Impact to Communities			<b>\$48,844,354</b>

Current Economic Impact = **\$28,000,000**

Additional Economic Impact with New Building = **\$20,844,354**





SUPPORT CRITICAL PROGRAMS  
GROWTH AND CAPACITY

# New Healthcare Facilities

HOSPITALS IN DAVIS COUNTY



UNIVERSITY OF UTAH  
HEALTH CARE  
Farmington Health Center

**OPENED 2016 – Approximately  
200 Nurses and Medical Technicians**



**200,000 Sq. Ft.**



**Intermountain®  
Layton Hospital**

**CLINICS NOW OPEN**  
Full Facilities Open in Fall of 2018  
Approximately 310 Nurses and Medical Technicians



**300,000 Sq. Ft.**



## SIGNING BONUSES

UNIVERSITY OF UTAH

DAVIS HOSPITAL



**\$300**



MEDICAL  
ASSISTANTS

TANNER CLINIC



**\$500**



MEDICAL  
ASSISTANTS

ALSO SUPPORT SCHOLARSHIPS

LIFE CARE CENTER (Bountiful)

SOUTH DAVIS COMMUNITY HOSPITAL



**\$1,000**



CNAs

SOUTH DAVIS COMMUNITY HOSPITAL



**\$3,000**



NURSE

AVALON CARE CENTERS



**\$500-\$2,000**



CNAs

## INCREASED PAY

DAVIS HOSPITAL

INTERMOUNTAIN HEALTHCARE

UNIVERSITY OF UTAH

→ **\$50,000/yr** → NURSE  
Up \$10,000 from last year

INTERMOUNTAIN HEALTHCARE

→ **\$15.78/hr** → PHARMACY  
TECHNICIAN  
Up from \$12-13/hr

UNIVERSITY OF UTAH

→ **\$14.75/hr** → PHARMACY  
TECHNICIAN  
Up from \$14/hr

UNIVERSITY OF UTAH

INTERMOUNTAIN HEALTHCARE

→ **\$12.90-14.00/hr** → MEDICAL  
ASSISTANTS

Various Long Term Care Facilities

→ **\$155/day** up to **\$22/hr** → CNAs

# Enrollment Capacity vs. Industry Demand

Workforce Pipeline



**1,931** Current Annual Enrollment



**3,356** Enrollment Capacity  
in New Building



**4,286** Annual Job Openings

	ANNUAL ENROLLMENT	CAPACITY IN NEW BUILDING	PROJECTED INDUSTRY GROWTH
DENTAL ASSISTING	95	143	30%
EMERGENCY MEDICAL TECHNICIAN	137	206	34%
FIREFIGHTER	37	56	23%
HEALTH INFORMATION TECHNOLOGY	117	176	32%
MEDICAL ASSISTING	113	226	31%
NURSE ASSISTANT	744	1,488	33%
PHARMACY TECHNICIAN	128	256	30%
PHLEBOTOMIST	17	34	41%
PRACTICAL NURSE	270	351	21%
RADIOLOGY PRACTICAL TECHNICIAN	12	24	23%
SURGICAL TECHNOLOGY	81	162	35%
WSU REGISTERED NURSE	180	234	33%
	1,931	3,356	31%

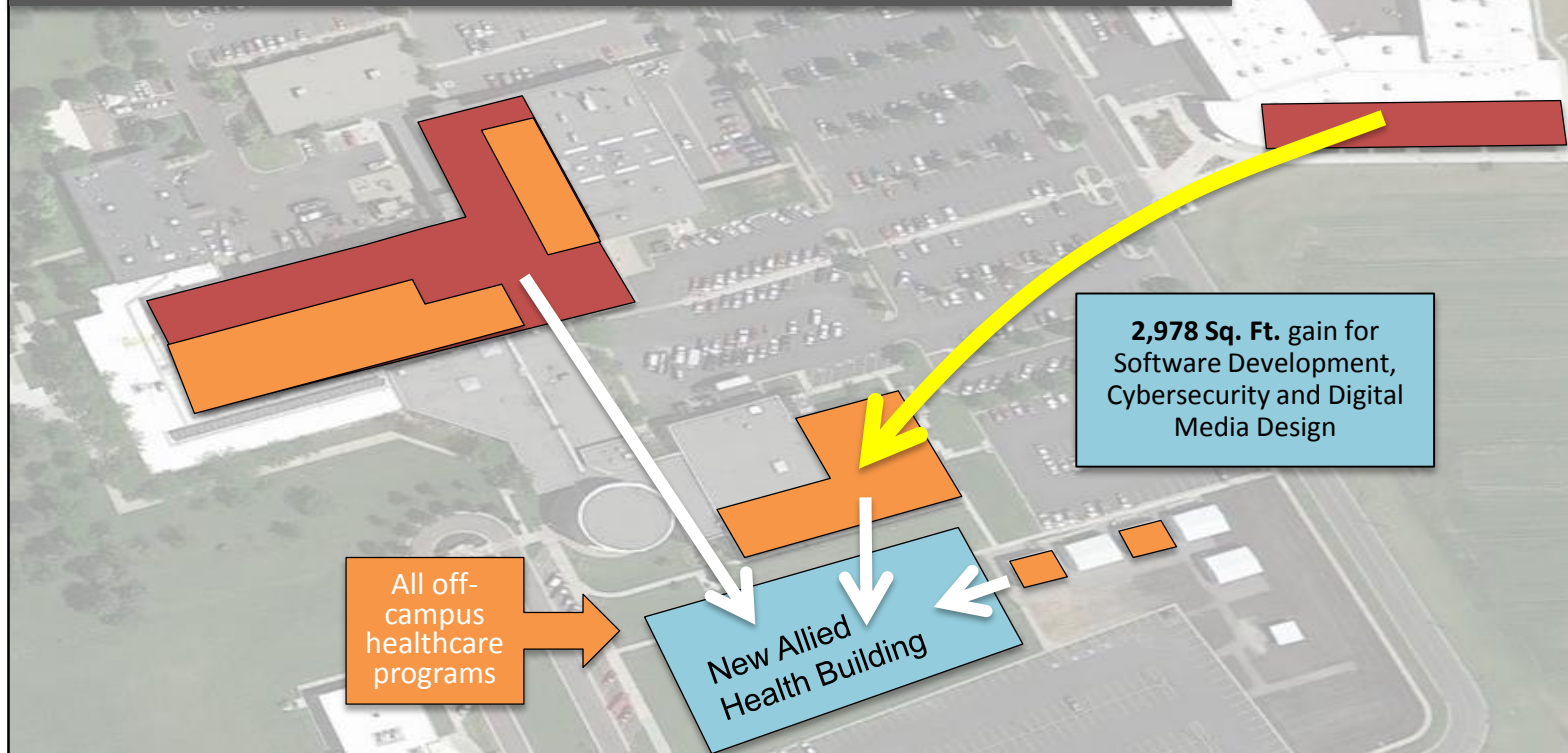


## Backfill Programs



SUPPORT CRITICAL PROGRAMS  
GROWTH AND CAPACITY

High demand **Information Technology** programs will move to larger areas which will allow growth







# BUILDING READINESS



METHODSTUDIO<sup>INC.</sup>

- Pre-programming complete
- Feasibility/impact study complete
- Selected programming architect, with completion anticipated in late April

# Mike Jensen

*Chief Executive Officer, Davis Hospital and Medical Center*



*"Davis Tech is a great resource in our community. The health training programs offered at the Davis Tech are recognized statewide for their quality and commitment to students.*

***A new Allied Health building will allow the College to expand to meet the growing healthcare needs in Davis and Morgan Counties** as well as throughout the region. With your help, Davis Tech will have the resources needed to continue to train the people in our community who will become our caregivers."*

Building the Future of Davis County Health Care





# Judy Williamson

*Administrator, Intermountain Layton Hospital Administrator*



*"We believe in the mission of the Davis Technical College in providing our communities with a skilled workforce; specifically as it relates to healthcare. We are grateful for being able to partner with the college in improving the health and well-being of the Davis County community. **Intermountain Healthcare is excited to bring a state-of-the-art hospital to Davis County and to help bring the Davis Tech Allied Health Building to fruition."***





Troy Wood

*Lakeview Hospital*  
*Chief Executive Officer*

Building the Future of Davis County Health Care



DAVIS TECHNICAL COLLEGE



**THANK YOU**